

WHAT IS CLAIMED IS:

Sub
a1

1. An electronic fever thermometer including a housing made from a transparent material, the electronic fever thermometer comprising:
a temperature sensor and a display element to display the temperature measured by the temperature sensor, the housing having at least one of an outer surface and an inner surface treated such that it is coated, the housing being substantially nontransparent and having at least one untreated and substantially transparent viewing area in which the display element is arranged adjacent to the viewing area.

Sub F1
cont

2. An electronic fever thermometer according to Claim 1, wherein the viewing area and the display element are substantially congruent.

Sub B2

3. An electronic fever thermometer according to Claim 1, wherein the housing includes a main part and a cover part which are produced in one piece from transparent plastic material.

4. An electronic fever thermometer according to Claim 1, wherein the housing includes a metal tip, the metal tip being disposed in the housing, the temperature sensor being positioned in the metal tip.

Sub F1
cont

5. An electronic fever thermometer according to Claim 1, wherein the display element includes an LCD display.

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6. An electronic fever thermometer according to Claim 1, wherein at least one of the outer surface and inner surface is produced in an injection molding die, a surface of the injection molding die being roughened by at least one of a mechanical and chemical treatment by exposure to at least one of a blasting abrasive, etching and grinding.

Sub P21
Gmt

7. An electronic fever thermometer according to Claim 1, wherein the thermometer includes a battery that is permanently affixed within the housing.

Sub B3

8. An electronic fever thermometer according to Claim 1, wherein the housing includes a switch.

9. An electronic fever thermometer according to Claim 1, wherein the housing is sealed by ultrasonic welding.

Sub P22

10. An electronic fever thermometer according to Claim 3, wherein the main part and the cover part are made from polycarbonate by injection molding.

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a2

Add B4
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